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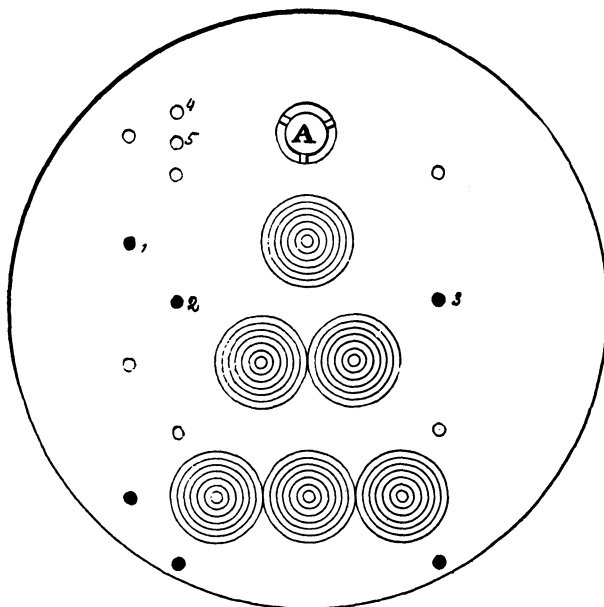
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A NEW MOUNTING TABLE.

 WILLIAM N. PRESTON, Chicago.

The mounting table herein described is intended to aid the microscopist in the putting up of uniform mounts. A circular brass plate, six inches in diameter, turned perfectly flat on top, is set on three legs having leveling screws at the bottom. This table may be set over a bunsen burner or alcohol lamp and kept warm while working.



The figure shows a plan of the top, laid out in four sections. By placing the three little pins, 1, 2, 3 (which are set in sockets and may be changed at pleasure or removed altogether), in the holes opposite the single set of circles and laying a slide against them an object and its cover-glass may be exactly centered on the slide.

By using the set of double circles two objects may be set at equal distances from the center and covers accurately placed ; likewise the triple set, when three are wanted on a slide.

The first section is for cover-glass mounts, the cover being laid in the elevated socket A, object up ; the slide, guided by the outer pins, is gently lowered till it touches the drop of balsam, the two short upper pins 4 and 5 holding it level with the top of the socket.

At the suggestion of my friend Mr. Summers, to whom I am indebted for many of the ideas in this table, I intend having a semi-circular piece of plate-glass, cut and ground on the surfaces, to rest on one-half the table for the purpose of evaporation in mounting diatoms, a more uniform distribution of the heat being thus obtained as well as absorption for any particle of water which may overflow the cover-glass.